

Rev. C Printed Parts Guide (Voron 2.4 Kit)

Refer to the **Part Printing Guidelines** section of the official [assembly manual](#) for general print settings. For the latest parts files, visit the Voron [Github repository](#). If you do not have the means to print your own parts in ABS, the [Voron Print It Forward program](#) is a great option to obtain the parts at a very reasonable cost. If you do plan on printing the parts, refer to the following directions for LDO kit specific options:

Colour Coding

- ▶ Purple - These are not optional and must be printed for our kit to work.
- ▶ Blue - These are optional parts/changes that improve fit, appearance, or quality of life.

Printed Parts

- ▶ **Stealthburner Toolhead** - Our kit ships with parts to make the Stealthburner + Clockwork 2 toolhead, print the stealthburner and clockwork 2 parts [here](#). We also provide a two piece toolhead PCB to aid in wiring, print the PCB spacer [here](#) and use this [cable door](#) designed for an external chamber thermistor instead of the standard *cable_door*.
- ▶ **Nozzle Probe** - Our kit includes a Z endstop PCB for better modularity, use [this part](#) instead
- ▶ **Cable Chain Parts** - Our cable chain ends use the 2 hole configuration. When printing parts that interface with cable chains, always use the **2hole** version instead of **3hole**(e.g. *xy_joint_cable_bridge_2hole* instead of *xy_joint_cable_bridge_3hole*) or use our version with hole offsets for more flexibility with [this part](#).
- ▶ **Plug Panel** - Our kits ship with 1.2mm AC inlets with integrated switches. Use [power_inlet_IECGS_1.2mm](#) instead of *power_inlet_filtered* or the *power_inlet_IECGS_1mm*.
- ▶ **XY Endstop** - Our kit includes the [XY microswitch PCB](#), print *[a]_endstop_pod_D2F_switch* instead of *[a]_endstop_pod_hall_effect*.
- ▶ **Breakout PCB Mount** - This [part](#) works with the toolhead breakout PCB. Use 4 M2x10 self-tapping screws to attach the PCB to the part. Also print a [DIN clip](#) to mount onto the DIN rail.
- ▶ **Controller Mount** - Our rev. A kits ship with the BigTreeTech Octopus V1.1 controllers, the corresponding PCBmount can be found in the [here](#), don't forget to also print two [DIN clips](#).
- ▶ **Heatbed Wiring Mount** - Print [this part](#) to mount the WAGO terminals and PCB, which are used to breakout the heatpad power and thermistor cables. 2xM3x8 SHCS and 2x Heatset Inserts
- ▶ **Touch Screen Mount** - The BigTreeTech touchscreen, print the mount from [here](#). Do not print the *mini12864* parts under *STLs/Skirt*.
- ▶ **Beefy Raspberry Pi Mount** - [this](#) optional Raspberry Pi mount uses two DIN clips instead of one for an

extra secure grip on the DIN rails. **Tip:** if you find it difficult to insert the USB/Ethernet cables due to a lack of space, try rotating the RPi in relation to its mount.

- ▶ **Deck Support Clips** - Our kit ships with 4mm deck panels, using [4mm deck support clips](#) will help prevent the deck from potential sagging.
- ▶ **LED/Fan Splitter Spacer** - Our kits ship with LED strips and an LED/Fan splitter PCB. Print this 2 x [part](#) to mount the splitter PCBs to a 2020 extrusion.
- ▶ **LED Light Clip** - The included LED light strips can be mounted using these [bar clips](#) by eddie. In total, you will need 36 or 42 clips for V2-300 and V2-350 respectively
- ▶ **Handlebar Spacer** - This optional [part](#) offsets the top panel thickness and helps mount the included aluminum handlebar. Mount with M5x14 screws and M5 T-Nut Hammer Heads.
- ▶ **Z stoppers** - Totally optional [stoppers](#) that you can install at the top of the Z linear rails to prevent the carts from falling out.
- ▶ **LDO Insert** - Show some LDO love and print this [optional insert](#) that can be installed into the skirts on your machine.
- ▶ **Exhaust_Filter** - The [exhaust filter](#) is optional since the kit includes only parts for the Nevermore filter. The kit does NOT include the necessary fan for this assembly.
- ▶ **Z Belt Cover A** - This modified [z-belt cover A](#) allows for the routing of the led strips through the Z-belt opening as an alternate path.

Mods

- ▶ **LDO Door Handles/Hinges** - The LDO alternative set of [handles and hinges](#) has a special spot to display your unique LDO Voron Kit #. You can use either M3x30, M3x35 or M3x40 SHCS screws for the hinges. You will also need the standard door [latches](#).
- ▶ **Klicky Probe** - We include parts for the optional Klicky probe mod by jlas1, check out more info on the mod [here](#).
- ▶ **Nevermore Filter** - Our kits include parts to build a [Nevermore Micro V5 Duo](#) by 0dsk4. print the version which uses 3x6 magnets. If you decide to build the Nevermore filter, print this [exhaust cover](#) with the stock [exhaust grill](#) to seal the back panel.
- ▶ **Steppy Keychain** - Last but not least your kit comes with the [steppy mascot](#) keychain kit, you will need these printable parts.
- ▶ **Purge Bucket** - Starting from Rev. B, our kit includes a brass brush which you can convert into automated nozzle scrubber using this [mod](#). Our build plate is slightly taller than standard so modified sheet stop files can be printed [here](#).